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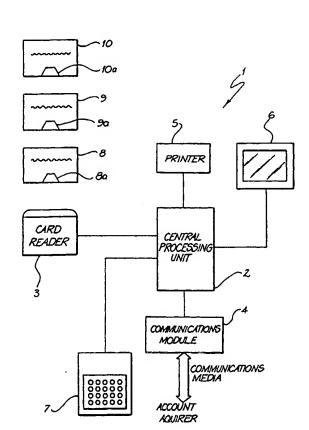
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(54) Title: IMPROVED APPARATUS FOR REMOTE PAYMENT TRANSACTIONS



(57) Abstract: The present invention relates to a system and method for carrying out remote payment transactions. In prior art remote payment terminals, a remote payment transaction is controlled by software application instructions which have been tested for compliance with security standards, and which are provided together with the remote payment terminal. A problem arises where it is required to update the application software. Any update requires reprogramming and retesting for compliance with security requirements. In the present invention, the application instruction means (software) are provided separately from a basic "universal" remote payment terminal and downloaded to the terminal to control a remote payment transaction. This has the advantage that if a change in the software application is required, it can be carried out and tested for security, separately from the terminal.

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IMPROVED APPARATUS FOR REMOTE PAYMENT TRANSACTIONS

The present invention relates to a method and apparatus for controlling remote payment transactions, and particularly, but not exclusively, to a remote payment terminal for facilitating payment transactions and to a method of controlling the terminal.

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Devices for carrying out remote payment transactions are well-known. These "payment terminals" include EFTPOS, credit card payment terminals, etc.

The function of such remote payment terminals is to facilitate payment transactions. Goods/services will usually be offered by the payment terminal holder. The payment terminal provides message information to a "transaction acquirer" (which may be a bank) to enable the transaction acquirer to settle the transaction. Message information may also be provided to determine whether the person who owns the card has sufficient funds to enable the transaction. A transaction usually takes place by means of a card, such as a credit card or a debit card.

A payment terminal may, for example, provide for the following basic operations:

- (1) Input of information which is required to enable a transaction eg. identification of the card holder's account. The information is most often read from a magnetic stripe on a credit card or bank card or the like, or a smart card. In addition to reading details from a card a PIN number or the like code may also be required, for security purposes.
- (2) Obtain access to the users account. This is usually done by remote communication with a processing device holding the person's account data, usually on bank premises and remote from the payment terminal. Usually, the information on the person's account input to the payment terminal will need to be transmitted for verification and to enable access to the account. Also a money amount will usually need to be input to the payment

terminal and transmitted over the communications line. At least some and perhaps all of the transmitted data may be encrypted for security purposes and the payment terminal is therefore, in such a case, required to have means (3) providing for encryption.

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- The payment terminal may need to be able to receive communications over the remote line from the processor accessing the user's account, ie. to provide an payment device regarding the "answer" to the transaction. The answer may include information that an account debit/credit has taken place (eg. EFTPOS) or merely an approval that the user has enough money in his account enable a transaction (some credit card terminals). Again, this transmitted information may be encrypted and, if so, will require translation (5) in the payment terminal.
- (6) To provide a message that the transaction request is approved or that a transaction has occurred, by display or printer, for example.

These basic operations can be carried out in number of different ways, governed by the hardware/software combination of the brand of payment terminal and the requirements of the owner of the payment terminal. payment terminal owner is usually an account acquirer such as a bank. Different account acquirers generally have very different requirements for operation of their payment terminals. For example, they will generally have differing requirements for the type and operation of encryption for They would also generally have different communications. requirements for the display and formatting of "receipt" to be printed out for the customer. communications protocols may be very different from bank to The format of data storage on an account holders bank. card generally varies quite widely from bank to bank as, indeed, may the content of the data on the account holders card.

To date, various account acquirers have usually directed a manufacturer of payment terminals to manufacture a terminal in accordance with their requirements. Thus, there are many different brands of payment terminal, operating different varieties of hardware and software in order to satisfy the various requirements of the various account acquirers. Not only account acquirers may require tailored payment terminal operation, but requirements may be dictated by goods/service providers who operate the terminals at the "front end", eg. retail chains.

An important requirement for payment terminals is that they must generally ensure that communicated information is secure, usually by way of encryption. Security must also be provided to govern access to accounts. Often the payment terminal will include security information such as one or more "secret keys" which facilitate secure communications and ensures that access to an account can't be obtained in error or fraudulently.

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Because these devices are required to deal with security sensitive information, it is a requirement that these devices be thoroughly tested before they are allowed to be used, in order to ensure that they operate correctly and no errors are likely to be made, particularly with the security sensitive information. Such testing can take many man hours and is therefore quite expensive. It is nevertheless absolutely necessary and devices will not be allowed to be used which have not been "certified" as complying with all security and operational requirements.

Because of the need to ensure that operation of the payment terminal does not cause any security risk, any software change which may be required by an account acquirer requires the entire terminal and software to be completely retested to ensure compliance. Any change, therefore, is extremely expensive because of this need for testing and also because it is necessary to reprogram the terminal in each case. Another problem with payment

terminals is that because of the way the terminal is established, i.e., by being manufactured and tested with software and hardware for one particular account acquirer who is the owner of the terminal, a terminal has a "primary" relationship to the owner ("primary") account The primary account acquirer will essentially acquirer. dictate the nature of the operation of the terminal and will select the software operation to be carried out by the Although the primary acquirer may well take into account some of the needs of other acquirers whose accounts may also be accessed via the terminal, there will be a natural reluctance on behalf of the primary acquirer to meet all the other acquirers operational needs. After all, the primary acquirer will usually be in competition with the other acquirers. Further, even if the desire were there for the primary acquirer to meet the other acquirers needs in detail, expense of changes, mainly due to it being necessary to test the entire terminal and software for certification purposes, is another disincentive. cost involved in making any changes is great, and therefore the primary acquirer is likely to be reluctant to do so.

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the primary acquirer will usually program a device in a way in which suits them rather than other This and other factors lead to a lot of acquirers. "back-end" processing. Rather than dealing with acquirers requirements in the software and arrangement of terminal device itself, processing is carried out by the "back-end". computers at For example, communications from the payment terminal for all account acquirers may be routed to a processing system at a primary account acquirer. The processing system at the primary account acquirer then further processes the information and may send further communications to other account acquirers in order to process a transaction. These acquirers may have their own processing systems carrying out further processes This "back-end" processing leads to an increase

in cost for the consumer.

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The present invention provides a system for controlling remote payment transactions, comprising a remote payment terminal including processing means and an operating system arranged to carry out a remote payment transaction operation in accordance with application instruction means, an application memory means storing the application instruction means for operation of the payment the arrangement being such that application terminal, instruction means is independent of the rest of the payment terminal.

"independent" By is meant that the application instruction means can be handled as a separate entity. example, they may be able to be altered and tested separately from the rest of the payment terminal. They may also be able to be provided to the system separately from the rest of the payment terminal. A common payment terminal may thus be able to handle a number of different sets of application instruction means, provided independently.

Preferably, any change in the application instruction means can be carried out without it being necessary to retest the other software and/or hardware of the terminal, by applying the present invention.

Preferably, the application instruction means (usually in the form of software) is stored in a separate memory means, preferably a separate memory module. The memory module may be of the "plug-in" variety arranged to plug into the payment terminal - or may be stored on a "smart card". Where the application instruction means is stored on a smart card, a smart card reader is preferably provided with the payment terminal to enable the application instruction means to be read to the payment terminal operating systems.

In a payment processing system utilising the present invention, therefore, each account acquirer may preferably

provide its own application instruction means stored on a memory module, such as a smart card. A particular application instruction means will be selected when the respective account acquirers system is to be accessed, eg when a user of that acquirers accounts system wishes to make a payment transaction via the remote payment transaction terminal.

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Preferably, if the application instruction means is on a smart card or the like, when a user swipes their magnetic card or smart card the remote payment terminal is arranged to call for the particular account acquirers application instruction means, and the vendor (i.e payment terminal operator) will then load the terminal with the particular account acquirers application instructions, in one embodiment by reading the account acquirers smart card containing the particular application instruction means.

Different account acquirers can therefore conveniently different processing requirements for implement accounts systems by providing different application instructions. These application instructions may govern all aspects of the remote payment transaction including communications, i.e. the remote payment terminal may be directed to communicate with the particular account acquirers "host" terminal.

Because the application instruction means can preferably be tested separately from the payment terminal, it is not necessary to go to the expense of retesting the entire payment terminal and operating system merely for an applications upgrade for a particular account acquirer. Application changes and upgrades can therefore implemented relatively cheaply. Α payment terminal arranged to receive the application instruction means in this form can be termed a "universal" terminal. operating system and payment terminal may only need to be tested and certified once. Applications may then be provided separately, and also tested separately.

Preferably, security of data can also be included in the memory module, for controlling the security for each particular acquirer.

Different applications may be provided for the same account acquirer. For example, the account acquirer may require different applications for different types of account it administers, eg credit card accounts, current accounts, etc. Present invention preferably facilitates the provision of as many different applications as may be required.

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An alternative to providing application on separate memory modules is to provide a universal terminal having a partitioned memory with secure memory address locations for loading application instruction means for particular account acquirers. Application instruction means could then be uploaded by telecommunications, i.e data transfer on-line.

In the prior art, generally one account acquirer controls transactions with all the other account acquirers. With use of the present system, however, it would be possible for each acquirer to control its own transactions, as each acquirer may provide separate application instructions.

In a preferred embodiment, an arrangement in accordance with the applicants co-pending International Patent Application Number PCT/AU98/00173 may be utilised. This co-pending application describes a generic software arrangement which is particularly suitable for remote payment transaction processing and which can be adapted to run on different hardware architectures.

Any other "open" software system may be used and applicants invention is not limited to that disclosed in PCT/AU98/00173.

Another feature of the present invention, is that in some cases the memory module may preferably include memory locations for storing details of transactions which have

taken place over a particular time period (eg on a day by The memory module can then be returned to the acquirer, of account eg. at the end the transactions can be processed. This will be most convenient where the memory module is a smart card. This arrangement does not require any on-line communications between the account acquirer system and the remote payment terminal.

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By "operating system" we don't necessarily mean an operating system as is conventionally understood i.e. an system arranged to control operating hardware and peripherals in accordance with application commands. While it includes such a basic operating system, it is also envisaged that the operating system in the payment terminal may also include commands which enable it to interface with the application instruction means and may also include more sophisticated "high level" commands for controlling operation of a remote payment transaction.

For example, the application instruction means may be a set of instructions arranged to control merely the aspects of operation of the terminal which are required to be varied from account acquirer to account acquirer. "Application" instructions, in this case, will also be included in the operating system, for controlling aspects of operation of the terminal which are common to all acquirers.

Preferably, therefore, a payment terminal device is developed and tested separately from application software for running the device. Different payment terminal devices in the present invention, including the basic payment terminal operating system and software ("fixed program") may be certified to carry out a number of applications and the fixed program may include a list of options that the device is certified for. Any application software being run on that particular device will, preferably, first check whether device is suitable for running all the options

available in that particular application software module. It may only run a limited number of the options available, or the device may be arranged to run all the options.

On the other hand, the fixed program of the device is preferably arranged to register the application software (external) software and determine what cards it can process. Both the device and the application software may be able to determine whether to or not they are compatible and if they are, exactly what operations can be run.

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The remote payment terminal, therefore, preferably includes a fixed program which includes instructions for controlling the terminal to access application software from a separate memory area and control the payment terminal to run in accordance with one, some or all of options and features which may be included in the separate applications software. Preferably, the applications program is arranged to assess the security of the device and what operations it is certified for, and then only to run the operations in the application software that the device is certified for.

The present invention therefore preferably has the advantage that a plurality of "generic" payment terminals can be provided. The generic terminals are certified by the account acquirers to run application software which is provided separately, preferably by the generic terminal being able to accept separate memory modules containing the The generic terminals can therefore be purchased by prospective users, e.g., merchants, as well as by account acquirers and the like. The user is then provided with the application software required for dealing with different account acquirers, by the provision of separate memory modules. Each application software module can be tested and certified separately from the device.

As an alternative to providing separate memory modules, separate memory areas may merely be specified in the generic terminal for loading of the separate

independent application instruction means.

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The present invention further provides a remote payment terminal, comprising a processing means and operating system arranged to carry out a remote payment transaction operation in accordance with application instruction means, the operating system being arranged to access the application instruction means in a separate application memory means, and the remote payment terminal and operating system being arranged to be independent from the application instruction means.

By "independent" is meant that the remote payment terminal can be handled as a separate entity, and may be provided with а plurality of separate independent application instruction means to operate in accordance with those instructions. The remote payment terminal preferably essentially generic to the plurality of separate application instruction means. Preferably, the remote payment terminal can be tested for compliance with predetermined requirements, separately from the application instruction means.

Preferably, the operating system includes a fixed program which is arranged to interface with the application instruction means. The fixed program may, for example, include a list of applications which it is compatible with and on operation of the card by a user (e.g., to swipe a certain account acquirers bank card).

The present invention yet further provides an application memory means, storing application instruction means for instructing a remote payment terminal comprising a processing means and operating system, to carry out remote payment transactions in accordance with the application instruction means, the application instruction means being independent from the payment terminal and operating system.

Preferably, the application memory means is a separate memory module and is preferably provided by way of a smart

card or the like. Preferably, security information may also be stored in the application memory means. In one embodiment, memory locations may also be provided for storing data on transactions.

The present invention yet further provides a method of operating a remote payment terminal comprising a processing means and operating system arranged to carry out remote payment transactions in accordance with application instruction means, comprising the steps of providing the application instruction as an independent entity.

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Preferably, the application instruction means provided from a separate application memory means.

Preferably, the separate application memory means is a separate memory module, such as a smart card.

The present invention yet further provides a method of arranging a remote payment transaction processing system, comprising the steps of providing a universal terminal which includes a basic set of operating instructions and hardware sufficient for carrying out remote payment transactions in accordance with application instruction means, separately providing independent application instruction means for instructing operating of the remote payment terminal to carry out remote payment transactions.

Preferably the method also includes the step of separately testing the application instruction means for compliance with a remote payment processing system, separately from testing of the remote payment terminal.

The present invention yet further provides a system for controlling remote payment transactions, comprising a remote payment terminal including a processing means and operating system arranged to carry out a remote payment transaction operation in accordance with application instruction means, and a separate memory module, such as a smart card, storing the application instruction means for instructing the remote payment transaction.

Features and advantages of the present invention will

become apparent from the following description of an embodiment thereof, by way of example only, with reference to the accompanying drawings, in which;

Figure 1 is a schematic diagram of a system for controlling remote payment transactions in accordance with an embodiment of the present invention, and

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Figure 2 is a diagram showing the architecture of the system of figure 1.

Reference numeral 1 indicates a "universal" payment processing terminal in accordance with an embodiment of the present invention.

The payment terminal comprises a central processing unit 2 which includes a memory, a microprocessor, and other hardware as would be known to a person skilled in the art, and an operating system for carrying out remote payment transaction operations in accordance with application instruction means. The terminal 1 also includes a smart card reader 3 connected to the central processing unit 1 and a communications module 4 also connected to the central processing unit 2. The communications module 4 is used for communications with host computers of an account acquirer, to facilitate on-line remote payment transactions, as is well-known to persons skilled in the art.

The terminal 1 also includes a printer 5 and a display 6 for printing and displaying information on remote payment transactions, and a keyboard 7 for inputting data.

Reference numerals 8,9 and 10 designate "smart" cards, each of which includes a memory module 8a, 9a, 10a which is arranged to store application instruction means for instructing operation of the terminal 1 to control remote payment transactions.

This arrangement is very different from payment processors of the prior art, which incorporate the application instruction means directly within the terminal 1, not separately on a separate memory module.

In operation, when a customer requires a remote

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payment transaction, the customer will be required to insert their account card, which may be a smart card, in the card reader. Note that the account card may alternatively be a standard magnetic card, and a magnetic card reader (not shown) may be provided, in which case the customer will swipe their card through the magnetic stripe card reader. The central processing unit 2 is arranged to detect that a card has been swiped and (or customer smart card read) and will then ask or require that an application instruction means be loaded. This may be done in a number For example, the display 6 may indicate which particular application instruction means is required by the CPU 2. Alternatively, a payment terminal operator may know from the customers card exactly which set of application instruction means are required. There are a number of ways in which the required application instruction means can be indicated. The next step is that the required application instruction means is loaded to the CPU 2 by inserting the card 8,9,10 into the card reader and downloading the application instruction means. Subsequently, the remote payment process may be carried out, in accordance with the application instruction means which have been downloaded for the customer.

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In a subsequent transaction requiring different application instruction means, then the terminal would require a different card 8,9,10 to be loaded into the card reader.

There are a number of ways in which the application instruction means may be provided to the payment terminal Separate "plug-in" memory modules could be provided, which are not smart cards; application instruction means could be downloaded on-line and stored in a separate memory location in the central processing unit 2. The important feature of the invention the is that application instruction means can be dealt with completely separately from the remote payment terminal. It is therefore

necessary only to test and certify the remote payment terminal itself once. Each time application instruction means require updating or modifying, because of the requirements of a particular account acquirer, for example, this can be done completely separately, and testing of the application can be done separately.

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Another possibility for providing the application instruction means may be on a customer card having a memory module for containing application instruction means, as well as having means containing the customer information and data. The card holder may therefore have a smart card which, as well as containing information for enabling a transaction with his account, also contains the application instruction means for operating a "universal" terminal.

The memory module which separately contains the application instruction means may also preferably contain the security data for the particular account acquirer.

Figure 2 shows an architecture for a preferred embodiment of the present invention.

The payment terminal 1 incorporates an operating system 20 and hardware 21 (the hardware is described above with reference to Figure 1). The operating system controls the hardware to carry out remote payment transaction in accordance with application instructions 23, 24 which are provided via a separate memory module as explained with reference to Figure 1. The separate memory module also includes security data 25, 26. The payment transaction will also require information from the user card and other input information, such as a PIN (via the keypad 7), as indicated by reference, 27.

In accordance with a preferred embodiment, the architecture of the present invention utilises the novel software configuration described in applicants co-pending Application Number PCT/AU98/00173, the specification of which is incorporated herein by reference. The operating system therefore comprises a fixed program including

virtual machine (VM) processors 30, comprising a message engine, a protocol engine and a function processor, forming a "virtual machine" for running generic application instruction means. The message engine is a separate virtual processor whose function is to deal with the assembly and disassembly of messages. The protocol engine is a separate virtual processor whose function is to organise communications.

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The present invention is not limited to utilising the virtual machine described in PCT/AU98/00173. Any "open" software system could be applied. Virtual machines, which operate on different hardware are well-known in the art. Any software operating system may be used as long as the application instructions are compliant with the operating system.

The fixed program also includes an interface 35 which is arranged to interface with application instruction means The interface 35 may include a list or table of applications which this particular device compatible with. On insertion and swiping of a user card, the type of application required is detected and the interface 35 will check the list and ask for the particular application if it is available, and if it is not available in this particular device 1 it will indicate that the transaction cannot be carried out for this particular user The interface 35 also preferably includes a list of options accessible by application instruction means 23, 24, indicating the features or options of payment transactions which the device 1 is capable of carrying out. application instructions may include means for determining of number of а options in the application instructions the device is capable of carrying out and only then running those options that the device is capable of carrying out. This arrangement takes into account the fact that over a period of time developments to applications may occur which may not be compatible with machines that were

developed some time ago.

Variations and/or modifications may be made to the invention as shown in the specific embodiments without departing from the spirit or scope of the invention as broadly described. The present embodiments are, therefore, to be considered in all respects as illustrated and not restrictive.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

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- 1. A system for controlling remote payment transactions, comprising a remote payment terminal processing means and an operating system arranged to carry out a remote payment transaction operation in 5 accordance with application instruction means, and an application memory means storing the application instruction means for operation of the terminal, the arrangement being such that application instruction means is independent from the rest of the payment terminal.
 - A system in accordance with claim 1, wherein the 2. application memory means is a separate memory module.
- A system in accordance with claim 2 wherein the memory 3. module is provided on a smart card or the like. 15
 - A system in accordance with claim 2 or claim 3, 4. wherein the application memory means is carried on a card intended for a cardholder, and also including data enabling a transaction with the cardholder's account.
 - A system in accordance with claim 1, wherein the 5. remote payment terminal includes a partitioned memory secure memory address locations application instruction means.
- A system in accordance with any one of the preceding 25 6. claims, wherein there are a plurality of application instruction means, each application instruction means enabling control of a transaction by an account acquirer associated with those application instruction means, whereby different account acquirers may control 30 transactions depending upon the application instruction means utilised.
- A remote payment terminal, comprising a processing 7. means and an operating system arranged to carry out remote payment transaction operation in accordance 35 with application instruction means, the operating system being arranged to access the application

instruction means in an application memory means, and the remote payment terminal and operating system being arranged to be independent from the application instruction means.

- 5 8. A remote payment terminal in accordance with claim 7, wherein the operating system includes a fixed program arranged to interface with a plurality of different application instructions means for controlling operation of the terminal.
- 9. A system for controlling remote payment transactions, comprising a remote payment terminal in accordance with any one of claims 7 or 8, and a plurality of memory means each storing application instruction means for controlling the remote payment terminal, the application instruction means of each memory means being arranged to provide for different requirements for operation of a remote payment terminal.
 - 10. An application memory means, storing application instruction means for instructing a remote payment terminal in accordance with any one of claims 7 or 8, to carry out remote payment transactions in accordance with the application instructions being independent from the payment terminal.

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- 11. A method of operating a remote payment terminal comprising a processing means and operating system arranged to carry out remote payment transactions in accordance with application instructions means, comprising the steps of providing the application instruction means as an independent entity.
- 30 12. A method of arranging a remote payment transaction processing system, comprising steps of providing a universal terminal which includes a set of operating instructions and hardware sufficient for carrying out remote payment transactions in accordance 35 application instruction means, separately providing independent application instruction means for instructing operating of the remote payment terminal to carry out remote payment transactions.

- 13. A method in accordance with claim 12, comprising the step of separately testing the application instruction means for compliance with the remote processing system.
- 5 14. A computer readable medium storing instructions for controlling a remote payment terminal to operate in accordance with any one of claims 7 and 8.
- 15. A remote payment terminal, comprising a processing means and an operating system arranged to carry out remote payment transaction operations in accordance with application instruction means, the operating system including a fixed program arranged to interface with a plurality of alternative different application instruction means for controlling operation of the terminal.
- A system for controlling remote payment transactions, comprising a remote payment terminal including processing means and an operating system arranged to carry out a remote payment transaction operation in accordance with application instruction means, 20 remote payment terminal including a fixed program, and means storing plurality of a different application instruction means being arranged interface with the fixed program, for controlling 25 operation at the terminal in accordance with one or the plurality of application instruction means.

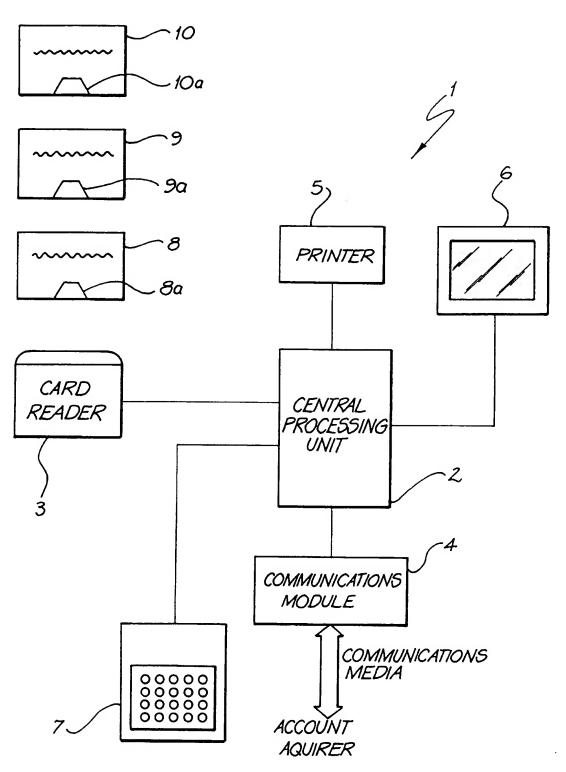
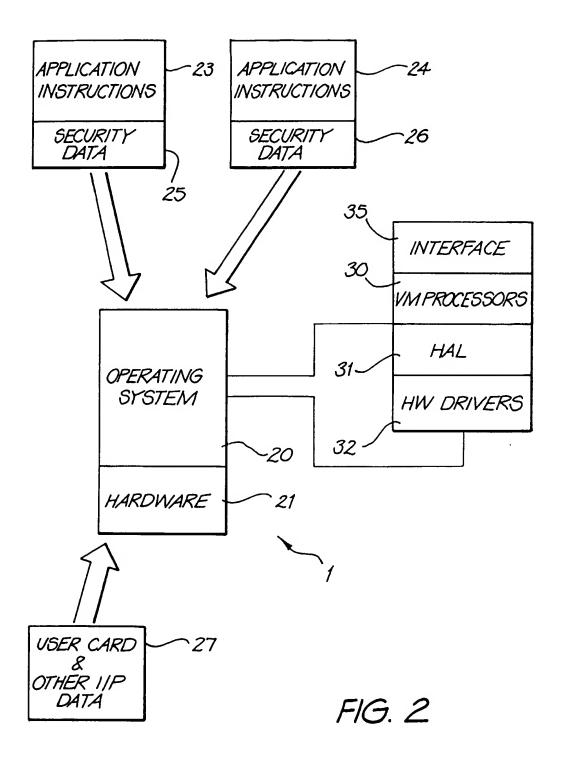


FIG. 1

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00833 **CLASSIFICATION OF SUBJECT MATTER** A. Int. Cl. 7: G07F 19/00, G06F 17/60 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT Keywords **IEEE XPOLRE Keywords** C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO, A, 98/02834 (TRANSACTION TECHNOLOGY, INC) 22 January A 1998 - see whole document WO, A, 98/49658 (VISA INTERNATIONAL SERVICE ASSOCIATION) Α 5 November 1998 - see whole document Α Oestreicher, M., Computer Security Applications Conference, 1999. (ACSAC '99). Proceedings. 15th Annual, page(s): 291 - 298, 6-10 Dec. 1999 See patent family annex \mathbf{x} Further documents are listed in the continuation of Box C Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to "A" document defining the general state of the art which is not considered to be of particular relevance understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot "X" "E" earlier application or patent but published on or after be considered novel or cannot be considered to involve an the international filing date "L" document which may throw doubts on priority claim(s) inventive step when the document is taken alone document of particular relevance; the claimed invention cannot or which is cited to establish the publication date of be considered to involve an inventive step when the document is another citation or other special reason (as specified) combined with one or more other such documents, such document referring to an oral disclosure, use, combination being obvious to a person skilled in the art exhibition or other means "&" document member of the same patent family document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 14 September 2000 Name and mailing address of the ISA/AU Authorized officer **AUSTRALIAN PATENT OFFICE** PO BOX 200, WODEN ACT 2606, AUSTRALIA

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INTERNATIONAL SEARCH REPORT Information on patent family members

International application No. PCT/AU00/00833

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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